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DEC 19 2003

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Kain et al.  
Appl. No. : 09/782,588  
Filed : February 12, 2001  
For : **ALTERNATIVE SUBSTRATES  
AND FORMATS FOR BEAD-  
BASED ARRAY OF ARRAYS™**  
Examiner : Betty J. Forman  
Group Art Unit : 1634

**CERTIFICATE OF FAX TRANSMISSION**

I hereby certify that this correspondence and all  
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on the date shown below:

December 19, 2003

(Date)

Marc C. Raunigartner, Reg. No. 53,976

**AMENDMENT/RESPONSE TO FINAL OFFICE ACTION**

BOX AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This is in response to the final office action mailed October 30, 2003, for the above-referenced patent application. Applicants wish to thank the Examiner for reviewing the instant application.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 5 of this paper.